

# Model DMA DIN Rail Mount Signal Conditioner

- User selectable analog output  $\pm 10V$ ,  $\pm 5V$ , 4-20 mA
- 10-28 VDC power
- Selectable full scale input range 5 to 50 mV
- DIN Rail Mountable



## Model DMA DIN Rail Mount Amplifier for strain gage transducer input

### Terminal

- |   |                               |
|---|-------------------------------|
| 1 | Ground                        |
| 2 | Vsupply (10-28 VDC)           |
| 3 | - Excitation                  |
| 4 | + Excitation                  |
| 5 | Iout (4-20 mA)                |
| 6 | Vout ( $\pm 5$ or $\pm 10$ V) |
| 7 | - Signal                      |
| 8 | + Signal                      |

**Interface**

ADVANCED FORCE MEASUREMENT  
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## SPECIFICATIONS

### POWER

DC ..... 10-28 VDC

### EXCITATION

Voltage ..... 5 or 10 VDC

Current ..... 30 mA Max

### PERFORMANCE

Output 1 .....  $\pm 5V$  or  $\pm 10V$  Full Scale

Bipolar, jumper selectable

Output 2 ..... 4-20 mA Full Scale Unipolar

Input Range ..... 5 to 50 mV FS

coarse and fine adjust

Dynamic Response ..... DC to 1000 Hz

Zero Offset Range .....  $\pm 50\%$  FS Output

Course and fine adjust

Nonlinearity ..... 0.01% FS

Span Temp. Coefficient ..... 0.004%/°F Max

Zero Temp. Coefficient ..... 0.5  $\mu V$ /°F Max

### ENVIRONMENTAL

Operating Temp. ..... +32°F to +158°F

Dimensions ..... 0.70 in X 3.90 in X 2.30 in

Mounting ..... 35mm DIN Rail